

HVAC Overvoltage Bulletin 3-11-10

It is known that power companies cannot provide voltage within acceptable limits to all of the users all of the time. With the onset of extreme cold weather conditions, power company limitations become revealed in the form of overvoltage situations. As a result, HVAC equipment must be serviced, repaired, or replaced in response to “no heat” service calls. Oftentimes, quick “fixes” are made without investigating the root cause which sometimes results in return service calls. Equipment that becomes inoperative due to overvoltage is often misperceived as being defective. For example, during the 2010 severe winter, a number of Warren heat kits were disconnected by their fail- safe limits (fuse links) which protect against low airflow as well as overvoltage. This type of event is in response to unsafe conditions, and is *not* a heat kit malfunction.

Overvoltage (and low airflow) are complicated issues that affect the entire industry, the power companies, and the end users. You are invited to participate in this dialog by sharing your experiences with overvoltage.

Please refer to www.hvacovervoltage.com for more information.

Related link: www.lowairflow.com